

Chart 1: Claim Limitation Comparison

09/100,	117	Ing/100 110	Ingress ::-	100/105 15	Toolier	100	-r		
Claim 1	A client/server system enabling a server to process URL	09/100,118	09/100,119	09/100,120	09/100,121	09/100,128	09/100,129	09/100,130	09/100,131
	requests from a browser for non-markup language objects, the							1	
	URL containing action commands, the system comprising:		1					1,	
	a server;	1,5,11,12	1,3,5,4,6,8	1,3,4,9,11	1,6,11,16	1,6,11,16	1,6,8,1	1,3,4,5,6,8	1 3 9 11
				12,17,20			1111110	9-10-11-1	
			3,14,15,16	5			0	3, 140, 5, 16	
	at least one database associated the transfer					<u> </u>	0		
	at least one database associated with the server;	1,6,11,12		1,3,9,11,1	1,6,11,16	1,6,11,16	1,14 3	1,6 16,8,9 ,1 17,18,14,	1, 3 , 9, 10,
			,11,13,14,	7,20				,1998,14,	1 7, 18,20
	one or more non-markup language objects stored on the at	1,6,11,12	16	1				116	<u> </u>
	least one database;	1,0,11,12		1,3,9,11,1	1,6,11,16	1,6,11,16	1,8,14	1,2,3,6,8,9	1,1,4,9,10
		H	,11,13,14, 16	1,20	ľ	1	R	12 13,14	17,18,2
	at least one client comprising a browser, the browser being	1,6,11,12		1,2,9,10,1	1 6 11 16	1,6,11,16		16 4 1,2,4,6,7,9 ,11,12,14,	10
	operable to communicate a URL request for the one or more non-	.,,,,,,,,,		7.18,20,22		1,0,11,16	10 22	4 1,2,4,6,7,9	17,2,9,10,
ŀ	markup language objects to the server, wherein the URL		16	1,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	1		, 19,22	16	17, 18,20
	contains an object locator and at least one non-markup language	i				1	İ	1'0	1
<u> </u>	action command;	}			1				
	wherein the server, upon receipt of the request, retrieves the	1,6,11,12	1,4,6,9,11	1,9,17,20	1,2,3,9,10,	1 6 11 16	1 2 3 8 9 10	1,3,4,6,8,9	1 2 0 10
	non-markup language object and performs the at least one action	1.	14,16	' ' '	11,17,18,2		14 15 16 1	11,13,14,	17 18 20
	command on the object.	Į.	1	Ì	0.22	j	7,19,21,22		17,10,20
		<u></u>			1		,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	1.0	
Claim 2	The system of claim 1 wherein said web server is operable to	i i	1,3,4,6,8,9	1,3,9,11,1	2,3,10,11,	2,6,7,11,1	1,2,5,8,9,1	1,3,4,6,8,9	12910
	convert the non-markup language object to a markup language		,11,13,14	7,19,20,21	18,22	2,16,17	.15.16.19.2	,11,13,14,	17 18 20
	object.	ì	İ	1	1		0,21,22,25		1,,
								1	
Claim 3	The system of claim 1 wherein the URL further comprises					2,7,12,17			<u> </u>
	arguments identifying parameters associated with the commands.		ļ					1	
Claim 4	A clienticanus system cooking a second	ļ	<u> </u>						
Classii 4	A client/server system enabling a server to process URL requests from a browser for non-markup language objects, the URL			Ì					
	containing action commands, the system comprising:	ľ			l			1	
Claim 5	presenting means for presenting markup language objects;	1 5 11 10	404676		1	ļ			
	presenting means for presenting markup language objects,	1,6,11,12		1,2,9,10,1		1,6,11,16	1,8	1,4,6,9,11,	
			,11,12,14, 16	7,18,20,22	1	İ		14,16	17,18,20
	receiving means for receiving a URL-based request for non-	1,6,11,12		1 3 0 11 1	1,2,9,10,1	4 6 44 46	4 5 5 4 5 4 4		
	markup language object from the presenting means, the URL-	1,0,11,12	11,13,4,0,0,9				1,2,8,13,14		
	based request comprising action commands;		16	1,20	7,18,20,22		15,16,21,	11,13,14,	7,18,20
	storing means for storing one or more non-markup language	1,6,11,12		1,3,9,11,1	161116	1,6,11,16	1,2,8	16 1,3,4,6,8,9	1 2 4 0 40
	objects;	, , , , , , , ,	11,13,14	7 20	1,0,11,10	1,0,11,10	1,2,0	11,3,4,0,0,9	12,17,18,2
		ļ	16	'	i			16	12, 17, 10,2 n
	wherein the receiving means, upon receipt of the request,	1,6,11,12	1,3,4,6,8,9	1,3,9,11,1	1,2,3,9,10,	6.11.16	1,2,3,8,9,10	1	1,2,9,10,1
	retrieves the non-markup language object, converts the non-	ł		7,19,20,21			,14,15,16,1		7,18,20
	markup language object to one or more markup language		16		0.22		7,19,21,22	1	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,
	objects, processes the action commands and communicates the				f				
	one or more markup language objects to the browser.								
	The system of claim 4 wherein the URL further comprises	ļ				2,7,12,17			-
	arguments identifying parameters associated with the commands.								
Claim 6	A method for enabling a server to process URL requests from a								
	browser for non-markup language objects, the URL containing					ĺ] !	
	action commands, the method comprising the steps of:								
	and the state of t								
•••••••••••	storing one or more non-markup language objects:	1 6 11 12	1,3,4,6,8,9	130111	161116	1,6,11,16	1 0	1 2 4 6 6 6	
······································	, 5 5 7	.,.,.,	11,13,14,		1,0,11,10	1,0,11,10	1,8	1,3,4,6,8,9	
			16	,,20				,11,13,14, 16	12,17,18,2
	receiving a URL-based request for a non-markup language object	1,6,11,12		123941	1,2,9,10,1	161116	1,6,8,13,14,		1 2 3 0 40
	from a browser, the URL-based request comprising action			0,11,12,17			15,16,21,	,9,10,11,1	
	commands;		3,14,15,16		,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		10, 10,21,	3,14,15,16	
				, .,,				3, 17, 13, 10	3,20
	retrieving the one or more non-markup language objects;	1,6,11,12	1,4,6,9,11,	1,9,17,20	2,3,10,11,	1,6,11,16	1,7,8,9,19,2	1.46911	1 2 9 10 1
			14,16		18,22		2		7,18,20
	converting the one or more non-markup language objects to		1,3,4,6,8,9	1,3,9,11,1	3,11	6,11,16	1,2,5,8,9,12		1 2 9 10 1
	one or more markup language objects;		,11,13,14	7,19,20,21			,15,16,19,2	.11.13.14.	7.18.20
		Ì			}	Į,	0,21,22,25	16	, ,
				<u> </u>	I		,		ļ
	communicating the one or more markup language objects to	1,6,11,12	1,2,4,6,7,9	1,9,17,20	1,6,11,16	1,6,11,16	1,3,8,9,10,1	1,2,4,6.7.9	1,2,9,10.1
	the browser.	-	,11,12,14,	1	ĺ	į:	5,16,17,21,	,11,12,14,	7,18,20
			16	f	l	[·		16	
laim 7	The method of claim 6 further commission as a second of the second of th							10 1	
Claim 7	The method of claim 6, further comprising the step of identifying parameters associated with the commands.					2,7,12,17		1	

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Claim 3	A computer useable medium having computer readable		T	T		T	7		
	program code embodied therein for enabling a server to process	1	1	1					ļ
	action commands contained in a URL communicated by a			ŀ	i	İ	ľ	1	1
	browser, the computer readable program code in the computer		1	1]		1	
	useable medium comprising:		1			1			
	computer readable program code for causing a computer to	1,6,11,12		1,3,9,11,1	1,6,11,16	1,6,11,16	1,2,8	1,3,4,6,8,9	1.2.4.9
	store one or more non-markup language objects in at least one		,11,13,14,	7,20	ļ		1	11,13,14,	
•••••	database;		16	1		1		16	20
	computer readable program code for causing a computer to	1,6,11,12	1,4,6,9,11,	1,2,9,10,1	1,6,11,16	1,6,11,16	1,2,7,8,9,	1,4,6,9,11,	1 2 9 10
	request the one or more non-markup language objects and action	1	14,16	7,18,20,22		1	13,14,19,22		7,18,20
	commands associated with the one or more non-markup	ļ	1	•		ļ	1	1 .,	1.,10,20
	language documents in a URL using a browser;	1				İ		ł	
	computer readable program code for causing a computer to	I	1,3,4,6,8,9	1,3,9,11,1	3 11	6,11,16	1 2 5 8 9 12	1,3,4,6,8,9	1 2 0 10
	translate the one or more non-markup language objects into			7,19,20,21		10,77,100	15 16 19 2	,11,13,14,	7 18 20
	markup language objects;	ĺ	16	,			0.21.25	16	17,10,20
	computer readable program code for causing a computer to	1,6,11,12	1.4.6.9.11	1,9,17,20	1,2,9,10,1	161116		1	1 2 0 10
	process the commands; and		14,16	, , , , , , , , , , , , , , , , , , , ,	7,18,20,22		15,16,19,2		1,2,9,10 7,18,20
***************************************		H	' ' '		,,,0,20,22		0.21,25	14,10	1,10,20
	computer readable program code for causing a computer to	1,6,11,12	1,2,4,6,7,9	1 9 17 20	1,6,11,16	1,6,11,16	1,3,8,9,10,1	124670	1 2 0 10
	communicate and present the one or more markup language	., .,	11,12,14	, , , , , , , , , ,	1,0,11,10	1,0,11,10	5 16 17 21	1,2,4,0,7,9	7 40 00
	objects in the browser according to the action commands.		16				5,16,17,21, 22	16	7,10,20
Claim 9	The medium of claim 8, wherein the URL further comprises	1,6,11,12				2,6,7,11,1		10	
	arguments identifying parameters associated with the commands.		ł]		2,16,17	ľ		
			1		ļ	2, 10, 17	1	Į.	l
Claim 10	The medium of claim 8, wherein the server is operable to	<u> </u>	134689	1,3,9,11,1	3 11		1258012	1,3,4,6,8,9	1 2 0 10
	convert the non-markup language object to a markup language			7,19,20,21	٥. ٠ ٠		15 16 10 2	1,3,4,0,0,9	1,2,9,10,
	object.	l	1, 11, 10, 14	1,13,20,21			10.10,19,2	,11,13,14,	17,18,20
	•		j			}	0,21,22,25	116	Į
Claim 11	The medium of claim 8, wherein the URL further comprises	1,6,11,12				267444		ļ	<u> </u>
	arguments identifying parameters associated with the commands.	1,0,11,12				2,6,7,11,1	l ⁸		
	5 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 -	Į				2,16,17	i	i	
Claim 12	The system of claim 4, wherein the server is operable to convert	 	134690	1 2 0 4 4	244		10000		
	the non-markup language object to a markup language object.		1,3,4,6,6,9	1,3,9,11,1	3,11		1,2,5,8,9,12	1,3,4,6,8,9	1,2,9,10,
	the first series and the first		, 11, 13, 14	7,19,20,21			15,16,19,2		17,18,20
							0,21, 22,25	16	
						•			

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